Ling-Bin Kong

List of Publications by Year
in descending order

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255 papers	10,195 citations	34105 52 h-index	46799 89 g-index

261 all docs	261 docs citations	261 times ranked	10007 citing authors

#	Article	IF	Citations
1	Hydrothermal Synthesis and Pseudocapacitance Properties of Î±-MnO₂ Hollow Spheres and Hollow Urchins. Journal of Physical Chemistry C, 2007, 111, 19141-19147.	3.1	478
2	Facile approach to prepare loose-packed NiO nano-flakes materials for supercapacitors. Chemical Communications, 2008, , 4213.	4.1	380
3	Design and synthesis of CoMoO₄â€“NiMoO₄Â·xH₂O bundles with improved electrochemical properties for supercapacitors. Journal of Materials Chemistry A, 2013, 1, 1380-1387.	10.3	328
4	In-situ electrochemical polymerization of multi-walled carbon nanotube/polyaniline composite films for electrochemical supercapacitors. Synthetic Metals, 2009, 159, 260-266.	3.9	226
5	Facile approach to prepare loose-packed cobalt hydroxide nano-flakes materials for electrochemical capacitors. Journal of Power Sources, 2009, 194, 1194-1201.	7.8	218
6	A Solâ€“Gel Process for Fabrication of NiO/NiCo₂O₄/Co₃O₄ Composite with Improved Electrochemical Behavior for Electrochemical Capacitors. ACS Applied Materials & Interfaces, 2012, 4, 4631-4636.	8.0	202
7	Investigating metal-organic framework as a new pseudo-capacitive material for supercapacitors. Chinese Chemical Letters, 2014, 25, 957-961.	9.0	188
8	Asymmetric supercapacitors based on stabilized Î±-Ni(OH)2 and activated carbon. Journal of Solid State Electrochemistry, 2010, 14, 1533-1539.	2.5	186
9	Porous wood carbon monolith for high-performance supercapacitors. Electrochimica Acta, 2012, 60, 443-448.	5.2	179
10	Pomelo peels-derived porous activated carbon microsheets dual-doped with nitrogen and phosphorus for high performance electrochemical capacitors. Journal of Power Sources, 2018, 378, 499-510.	7.8	170
11	Cobalt vanadate as highly active, stable, noble metal-free oxygen evolution electrocatalyst. Journal of Materials Chemistry A, 2014, 2, 18435-18443.	10.3	169
12	A facile approach to the preparation of loose-packed Ni(OH)2 nanoflake materials for electrochemical capacitors. Journal of Solid State Electrochemistry, 2009, 13, 333-340.	2.5	163
13	Synthesis and characterization of M3V2O8 (M = Ni or Co) based nanostructures: a new family of high performance pseudocapacitive materials. Journal of Materials Chemistry A, 2014, 2, 4919.	10.3	161
14	One-pot hydrothermal synthesis of porous nickel cobalt phosphides with high conductivity for advanced energy conversion and storage. Electrochimica Acta, 2016, 215, 114-125.	5.2	159
15	Amorphous Niâ€“P materials for high performance pseudocapacitors. Journal of Power Sources, 2015, 274, 1107-1113.	7.8	140
16	The specific capacitance of solâ€“gel synthesised spinel MnCo2O4 in an alkaline electrolyte. Electrochimica Acta, 2014, 115, 22-27.	5.2	128
17	Facile synthesis of NiMoO4Â·xH2O nanorods as a positive electrode material for supercapacitors. RSC Advances, 2013, 3, 6472.	3.6	123
18	Biopolymer-based carboxylated chitosan hydrogel film crosslinked by HCl as gel polymer electrolyte for all-solid-sate supercapacitors. Journal of Power Sources, 2019, 426, 47-54.	7.8	122

#	Article	IF	Citations
19	Asymmetric Supercapacitor Based on Loose-Packed Cobalt Hydroxide Nanoflake Materials and Activated Carbon. Journal of the Electrochemical Society, 2009, 156, A1000.	2.9	121
20	Electrostatically Charged MoS₂/Graphene Oxide Hybrid Composites for Excellent Electrochemical Energy Storage Devices. ACS Applied Materials & Interfaces, 2018, 10, 35571-35579.	8.0	113
21	Hierarchically porous nickel hydroxide/mesoporous carbon composite materials for electrochemical capacitors. Microporous and Mesoporous Materials, 2010, 132, 154-162.	4.4	108
22	Supercapacitor electrode of nano-Co3O4 decorated with gold nanoparticles via in-situ reduction method. Journal of Power Sources, 2017, 363, 1-8.	7.8	108
23	Identifying pseudocapacitance of Fe₂O₃ in an ionic liquid and its application in asymmetric supercapacitors. Journal of Materials Chemistry A, 2014, 2, 14550-14556.	10.3	105
24	Design and synthesis of 3D Co3O4@MMoO4 (M=Ni, Co) nanocomposites as high-performance supercapacitor electrodes. Electrochimica Acta, 2014, 130, 660-669.	5.2	103
25	An Approach to Preparing Niâ€“P with Different Phases for Use as Supercapacitor Electrode Materials. Chemistry - A European Journal, 2015, 21, 17897-17903.	3.3	103
26	Hydrothermal process for the fabrication of CoMoO4Â·0.9H2O nanorods with excellent electrochemical behavior. New Journal of Chemistry, 2012, 36, 1713.	2.8	102
27	MWNTs/PANI composite materials prepared by in-situ chemical oxidative polymerization for supercapacitor electrode. Journal of Materials Science, 2008, 43, 3664-3669.	3.7	94
28	Watchbandâ€Like Supercapacitors with Body Temperature Inducible Shape Memory Ability. Advanced Energy Materials, 2016, 6, 1600763.	19.5	94
29	Facile fabrication of CoMoO4 nanorods as electrode material for electrochemical capacitors. Materials Letters, 2013, 94, 197-200.	2.6	89
30	Facile synthesis of high electrical conductive CoP via solid-state synthetic routes for supercapacitors. Journal of Energy Chemistry, 2017, 26, 49-55.	12.9	86
31	The empirical correlations between PM2.5, PM10 and AOD in the Beijing metropolitan region and the PM2.5, PM10 distributions retrieved by MODIS. Environmental Pollution, 2016, 216, 350-360.	7.5	84
32	Porous cobalt hydroxide film electrodeposited on nickel foam with excellent electrochemical capacitive behavior. Journal of Solid State Electrochemistry, 2011, 15, 571-577.	2.5	81
33	Preparation of novel nano-composite Ni(OH)2/USY material and its application for electrochemical capacitance storageElectronic supplementary information (ESI) available: calculation method of the measured and theoretical specific capacitance. See http://www.rsc.org/suppdata/cc/b4/b401922a/. Chemical Communications, 2004, , 1646.	4.1	78
34	An Asymmetric Supercapacitor with Both Ultra-High Gravimetric and Volumetric Energy Density Based on 3D Ni(OH)₂/MnO₂@Carbon Nanotube and Activated Polyaniline-Derived Carbon. ACS Applied Materials & Interfaces, 2017, 9, 668-676.	8.0	78
35	Synthesis of polypyrrole film by pulse galvanostatic method and its application as supercapacitor electrode materials. Journal of Materials Science, 2010, 45, 1947-1954.	3.7	77
36	Supercapacitor Electrode Based on Nano-Vanadium Nitride Incorporated on Porous Carbon Nanospheres Derived from Ionic Amphiphilic Block Copolymers & Vanadium-Contained Ion Assembly Systems. Electrochimica Acta, 2016, 211, 469-477.	5.2	77

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37	Design and synthesis of Ni2P/Co3V2O8 nanocomposite with enhanced electrochemical capacitive properties. Electrochimica Acta, 2016, 190, 1041-1049.	5.2	73
38	The structural and magnetic properties of Co-doped titanate nanotubes synthesized under hydrothermal conditions. Applied Physics A: Materials Science and Processing, 2007, 87, 781-786.	2.3	72
39	Co[sub 0.56]Ni[sub 0.44] Oxide Nanoflake Materials and Activated Carbon for Asymmetric Supercapacitor. Journal of the Electrochemical Society, 2010, 157, A1341.	2.9	72
40	3D Hierarchically Structured CoS Nanosheets: Li⁺ Storage Mechanism and Application of the High-Performance Lithium-Ion Capacitors. ACS Applied Materials & Interfaces, 2020, 12, 3709-3718.	8.0	72
41	Highly ordered MnO2 nanowire array thin films on Ti/Si substrate as an electrode for electrochemical capacitor. Journal of Solid State Chemistry, 2006, 179, 1351-1355.	2.9	70
42	Simple synthesis of a CoMoS₄based nanostructure and its application for high-performance supercapacitors. RSC Advances, 2016, 6, 7633-7642.	3.6	69
43	Advanced asymmetric supercapacitors based on Ni₃(PO₄)₂@GO and Fe₂O₃@GO electrodes with high specific capacitance and high energy density. RSC Advances, 2015, 5, 41721-41728.	3.6	68
44	Adjusting electrode initial potential to obtain high-performance asymmetric supercapacitor based on porous vanadium pentoxide nanotubes and activated carbon nanorods. Journal of Power Sources, 2015, 279, 358-364.	7.8	66
45	Design and preparation of MoO 2 /MoS 2 as negative electrode materials for supercapacitors. Materials and Design, 2016, 112, 88-96.	7.0	62
46	A facile route to preparation of CdS nanorods. Materials Chemistry and Physics, 2003, 77, 734-737.	4.0	60
47	Negative electrode materials of molybdenum nitride/N-doped carbon nano-fiber via electrospinning method for high-performance supercapacitors. Electrochimica Acta, 2018, 277, 41-49.	5.2	60
48	Nano-Au@PANI core-shell nanoparticles via in-situ polymerization as electrode for supercapacitor. Journal of Alloys and Compounds, 2017, 722, 1-7.	5.5	58
49	A facile strategy for the synthesis of three-dimensional heterostructure self-assembled MoSe₂ nanosheets and their application as an anode for high-energy lithium-ion hybrid capacitors. Nanoscale, 2019, 11, 7263-7276.	5.6	57
50	Nano-composite of polypyrrole/modified mesoporous carbon for electrochemical capacitor application. Electrochimica Acta, 2010, 55, 8067-8073.	5.2	56
51	Mechanical alloying synthesis of Ni 3 S 2 nanoparticles as electrode material for pseudocapacitor with excellent performances. Journal of Alloys and Compounds, 2016, 656, 138-145.	5.5	56
52	Design, synthesis and evaluation of three-dimensional Co3O4/Co3(VO4)2 hybrid nanorods on nickel foam as self-supported electrodes for asymmetric supercapacitors. Journal of Power Sources, 2014, 269, 61-68.	7.8	54
53	Carbon nanosphere@vanadium nitride electrode materials derived from metal-organic nanospheres self-assembled by NH4VO3, chitosan, and amphiphilic block copolymer. Electrochimica Acta, 2018, 262, 66-73.	5.2	54
54	A Sol-Gel Process for the Synthesis of NiCo2O4Having Improved Specific Capacitance and Cycle Stability for Electrochemical Capacitors. Journal of the Electrochemical Society, 2012, 159, A1262-A1266.	2.9	53

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55	Electrochemical performance in alkaline and neutral electrolytes of a manganese phosphate material possessing a broad potential window. RSC Advances, 2016, 6, 40077-40085.	3.6	53
56	Supercapacitor electrodes based on nano-polyaniline deposited on hollow carbon spheres derived from cross-linked co-polymers. Synthetic Metals, 2015, 209, 369-376.	3.9	52
57	Facile preparation of nitrogen-doped hierarchical porous carbon with high performance in supercapacitors. Applied Surface Science, 2016, 364, 850-861.	6.1	52
58	Intercalation structure of vanadium nitride nanoparticles growing on graphene surface toward high negative active material for supercapacitor utilization. Journal of Alloys and Compounds, 2019, 781, 1054-1058.	5.5	52
59	Facile fabrication and perfect cycle stability of 3D NiO@CoMoO4 nanocomposite on Ni foam for supercapacitors. RSC Advances, 2014, 4, 17884.	3.6	51
60	Nanocomposites based on hierarchical porous carbon fiber@vanadium nitride nanoparticles as supercapacitor electrodes. Dalton Transactions, 2018, 47, 4128-4138.	3.3	51
61	Design of Lamellar Mo₂C Nanosheets Assembled by Mo₂C Nanoparticles as an Anode Material toward Excellent Sodium-Ion Capacitors. ACS Sustainable Chemistry and Engineering, 2019, 7, 18375-18383.	6.7	51
62	Synthesis of Co(OH)2/USY composite and its application for electrochemical supercapacitors. Journal of Power Sources, 2004, 136, 197-200.	7.8	48
63	A novel polyaniline/mesoporous carbon nano-composite electrode for asymmetric supercapacitor. Chinese Chemical Letters, 2010, 21, 1509-1512.	9.0	48
64	Diamine molecules double lock-link structured graphene oxide sheets for high-performance sodium ions storage. Energy Storage Materials, 2021, 34, 45-52.	18.0	48
65	Design and preparation of highly structure-controllable mesoporous carbons at the molecular level and their application as electrode materials for supercapacitors. Journal of Materials Chemistry A, 2015, 3, 22781-22793.	10.3	47
66	Synthesis of polyvalent ion reaction of MoS2/CoS2-RGO anode materials for high-performance sodium-ion batteries and sodium-ion capacitors. Journal of Colloid and Interface Science, 2020, 575, 42-53.	9.4	47
67	VO₂: from negative electrode material to symmetric electrochemical capacitor. RSC Advances, 2015, 5, 97239-97247.	3.6	45
68	Waste paper based activated carbon monolith as electrode materials for high performance electric double-layer capacitors. RSC Advances, 2012, 2, 1890.	3.6	44
69	Facile fabrication of manganese phosphate nanosheets for supercapacitor applications. Ionics, 2016, 22, 1461-1469.	2.4	43
70	Construction of high electrical conductive nickel phosphide alloys with controllable crystalline phase for advanced energy storage. Electrochimica Acta, 2017, 232, 387-395.	5.2	43
71	In situ polymerization and reduction to fabricate gold nanoparticleâ€incorporated polyaniline as supercapacitor electrode materials. Polymers for Advanced Technologies, 2018, 29, 1697-1705.	3.2	43
72	Nanoflake-like cobalt hydroxide/ordered mesoporous carbon composite for electrochemical capacitors. Journal of Solid State Electrochemistry, 2010, 14, 2065-2075.	2.5	41

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73	A hierarchical porous carbon membrane from polyacrylonitrile/polyvinylpyrrolidone blending membranes: Preparation, characterization and electrochemical capacitive performance. Journal of Energy Chemistry, 2014, 23, 684-693.	12.9	41
74	Activated hierarchical porous carbon as electrode membrane accommodated with triblock copolymer for supercapacitors. Journal of Membrane Science, 2016, 514, 366-375.	8.2	41
75	Facile fabrication of ultrathin hybrid membrane for highly flexible supercapacitors via in-situ phase separation of polyethersulfone. Journal of Power Sources, 2016, 329, 104-114.	7.8	41
76	High Volumetric Energy Density Capacitors Based on New Electrode Material Lanthanum Nitride. ACS Energy Letters, 2017, 2, 336-341.	17.4	41
77	Concise N-doped Carbon Nanosheets/Vanadium Nitride Nanoparticles Materials via Intercalative Polymerization for Supercapacitors. Scientific Reports, 2018, 8, 2915.	3.3	41
78	Fabrication of flower-like Ni3(NO3)2(OH)4 and their electrochemical properties evaluation. Materials Research Bulletin, 2012, 47, 1641-1647.	5.2	39
79	Hierarchically Interconnected Ni₃S₂ Nanofibers as Binder-Free Electrodes for High-Performance Sodium-Ion Energy-Storage Devices. ACS Applied Nano Materials, 2019, 2, 2634-2641.	5.0	39
80	Crystal Phase-Controlled Synthesis of the CoP@Co₂P Heterostructure with 3D Nanowire Networks for High-Performance Li-Ion Capacitor Applications. ACS Applied Materials & Interfaces, 2021, 13, 10071-10088.	8.0	39
81	Facile synthesis of Co3P2O8Â·8H2O for high-performance electrochemical energy storage. Materials Letters, 2015, 161, 404-407.	2.6	38
82	Synthesis and high catalytic properties of mesoporous Pt nanowire array by novel conjunct template method. Applied Surface Science, 2008, 255, 3388-3393.	6.1	37
83	Nickel vanadate and nickel oxide nanohybrid on nickel foam as pseudocapacitive electrodes for electrochemical capacitors. RSC Advances, 2014, 4, 41772-41777.	3.6	37
84	Easy fabrication and high electrochemical capacitive performance of hierarchical porous carbon by a method combining liquid-liquid phase separation and pyrolysis process. Electrochimica Acta, 2014, 138, 367-375.	5.2	37
85	In situ doping of <scp>PANI</scp> nanocomposites by gold nanoparticles for highâ€performance electrochemical energy storage. Journal of Applied Polymer Science, 2017, 134, 45309.	2.6	37
86	Polymer/block copolymer blending system as the compatible precursor system for fabrication of mesoporous carbon nanofibers for supercapacitors. Journal of Power Sources, 2019, 419, 137-147.	7.8	37
87	Platinum catalyst on ordered mesoporous carbon with controlled morphology for methanol electrochemical oxidation. Applied Surface Science, 2010, 256, 6688-6693.	6.1	36
88	Polyaniline nanoparticles grown on the surface of carbon microspheres aggregations for electrochemical supercapacitors. Synthetic Metals, 2012, 162, 114-118.	3.9	35
89	Mesoporous Co3O4 materials obtained from cobaltâ€“citrate complex and their high capacitance behavior. Journal of Power Sources, 2012, 217, 358-363.	7.8	35
90	Preparation of hierarchical polyaniline nanotubes based on selfâ€assembly and its electrochemical capacitance. Polymers for Advanced Technologies, 2012, 23, 1297-1301.	3.2	34

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91	A dandelion-like carbon microsphere/MnO2 nanosheets composite for supercapacitors. Journal of Energy Chemistry, 2014, 23, 82-90.	12.9	34
92	Fabrication and electrochemical investigation of MWO4 (M = Co, Ni) nanoparticles as high-performance anode materials for lithium-ion batteries. Ionics, 2018, 24, 363-372.	2.4	34
93	Three-Dimensional Interconnected Reticular Porous Carbon From Corn Starch By a Sample Solâ€“Gel Method Toward High-Performance Supercapacitors With Aqueous and Ionic Liquid Electrolytes. ACS Sustainable Chemistry and Engineering, 2019, 7, 18690-18699.	6.7	34
94	Alkali-tolerant polymeric gel electrolyte membrane based on cross-linked carboxylated chitosan for supercapacitors. Journal of Membrane Science, 2021, 629, 119083.	8.2	33
95	Design and Synthesis of CoP/r-GO Hierarchical Architecture: Dominated Pseudocapacitance, Fasted Kinetics Features, and Li-Ion Capacitor Applications. ACS Applied Energy Materials, 2020, 3, 5448-5461.	5.1	31
96	Silicon quantum-wires arrays synthesized by chemical vapor deposition and its micro-structural properties. Chemical Physics Letters, 2003, 374, 542-547.	2.6	30
97	Fabrication of promising LiFePO4/C composite with a coreâ€“shell structure by a moderate in situ carbothermal reduction method. Electrochimica Acta, 2012, 70, 19-24.	5.2	30
98	Facile synthesis of MoS2/graphite intercalated composite with enhanced electrochemical performance for sodium ion battery. Journal of Energy Chemistry, 2018, 27, 1208-1213.	12.9	30
99	Large interlayer spacing 2D Ta4C3 matrix supported 2D MoS2 nanosheets: A 3D heterostructure composite towards high-performance sodium ions storage. Renewable Energy, 2021, 169, 573-581.	8.9	30
100	Nano vanadium nitride incorporated onto interconnected porous carbon via the method of surface-initiated electrochemical mediated ATRP and heat-treatment approach for supercapacitors. Electrochimica Acta, 2017, 258, 405-413.	5.2	29
101	Interfacial Engineering in Crystalline Cobalt Tungstate/Amorphous Cobalt Boride Heterogeneous Nanostructures for Enhanced Electrochemical Performances. ACS Applied Energy Materials, 2020, 3, 11470-11479.	5.1	29
102	Platinum-Free Ternary Metallic Selenides as Nanostructured Counter Electrode for High-Efficiency Dye-Sensitized Solar Cell by Interface Engineering. ACS Applied Energy Materials, 2020, 3, 3704-3713.	5.1	29
103	NiMoO₄-modified MnO₂ hybrid nanostructures on nickel foam: electrochemical performance and supercapacitor applications. New Journal of Chemistry, 2015, 39, 6207-6215.	2.8	28
104	Electrochemical Performance of Pseudo-Capacitive Intermetallic Molybdenum Nitride in Acid. Journal of the Electrochemical Society, 2016, 163, A1300-A1305.	2.9	27
105	Multi-dimensional hybrid heterostructure MoS2@C nanocomposite as a highly reversible anode for high-energy lithium-ion capacitors. Applied Surface Science, 2020, 531, 147222.	6.1	27
106	Effect of surfactant on the morphology and capacitive performance of porous NiCo2O4. Journal of Solid State Electrochemistry, 2013, 17, 1463-1471.	2.5	26
107	Three-dimensional honeycomb-like MoSe2/rGO as high performance sodium ions storage materials with long cycle stability and high rate capability. Applied Surface Science, 2020, 513, 145826.	6.1	26
108	Boosting the performance of cobalt molybdate nanorods by introducing nanoflake-like cobalt boride to form a heterostructure for aqueous hybrid supercapacitors. Journal of Colloid and Interface Science, 2020, 565, 388-399.	9.4	26

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109	Branched silver nanowires obtained in porous anodic aluminum oxide template. Journal of Materials Science Letters, 2003, 22, 701-702.	0.5	25
110	Synthesis and electrochemical properties of hollow polyaniline microspheres by a sulfonated polystyrene template. Journal of Applied Polymer Science, 2013, 127, 1544-1549.	2.6	25
111	Mechanical Alloying Synthesis of Co9S8 Particles as Materials for Supercapacitors. Metals, 2016, 6, 142.	2.3	25
112	A Facile Strategy for the Preparation of MoS₃ and its Application as a Negative Electrode for Supercapacitors. Chemistry - an Asian Journal, 2016, 11, 2392-2398.	3.3	25
113	One-step synthesis of micro/nano flower-like Ni3V2O8 as anode for Li-ion batteries. Materials Letters, 2017, 186, 289-292.	2.6	25
114	Dulseâ€derived porous carbonâ€“polyaniline nanocomposite electrode for highâ€performance supercapacitors. Journal of Applied Polymer Science, 2018, 135, 45776.	2.6	25
115	Special layer-structured WS₂ nanoflakes as high performance sodium ion storage materials. Sustainable Energy and Fuels, 2019, 3, 1239-1247.	4.9	25
116	Preparation of nano-PANI@MnO2 by surface initiated polymerization method using as a nano-tubular electrode material: The amount effect of aniline on the microstructure and electrochemical performance. Journal of Energy Chemistry, 2015, 24, 388-393.	12.9	24
117	Hollow Carbon Microspheres/MnO2 Nanosheets Composites: Hydrothermal Synthesis and Electrochemical Behaviors. Nano-Micro Letters, 2015, 7, 59-67.	27.0	23
118	Facile synthesis of a nickel vanadate/Ni composite and its electrochemical performance as an anode for lithium ion batteries. RSC Advances, 2016, 6, 90197-90205.	3.6	23
119	RGO-modified CoWO4 nanoparticles as new high-performance electrode materials for sodium-ion storage. Ionics, 2019, 25, 533-540.	2.4	23
120	A facile approach to preparation of nanostripes on the electropolished aluminum surface. Materials Letters, 2005, 59, 1656-1659.	2.6	22
121	Electroless gold deposition on silicon(100)â€‰wafer based on a seed layer of silver. Applied Physics A: Materials Science and Processing, 2005, 80, 597-600.	2.3	22
122	Synthesis of Coâ€“Ni oxide microflowers as a superior anode for hybrid supercapacitors with ultralong cycle life. Chinese Chemical Letters, 2017, 28, 206-212.	9.0	22
123	Solid-phase synthesis and electrochemical pseudo-capacitance of nitrogen-atom interstitial compound Co₃N. Sustainable Energy and Fuels, 2018, 2, 1178-1188.	4.9	22
124	Super long-life supercapacitor electrode materials based on hierarchical porous hollow carbon microcapsules. RSC Advances, 2015, 5, 87077-87083.	3.6	21
125	Polycationic bimetallic oxide CoGa2O4 with spinel structure: dominated pseudocapacitance, dual-energy storage mechanism, and Li-ion hybrid supercapacitor application. Ionics, 2020, 26, 1379-1388.	2.4	21
126	Coral reef-like polyanaline nanotubes prepared by a reactive template of manganese oxide for supercapacitor electrode. Chinese Chemical Letters, 2011, 22, 964-968.	9.0	20

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127	Template-free synthesis of porousâ€“LiFePO4/C nanocomposite for high power lithium-ion batteries. Electrochimica Acta, 2014, 123, 1-6.	5.2	20
128	New amphiphilic block copolymer-modified electrodes for supercapacitors. New Journal of Chemistry, 2018, 42, 1290-1299.	2.8	20
129	Synthesis of ultra-small gold nanoparticles decorated onto NiO nanobelts and their high electrochemical performance. Dalton Transactions, 2018, 47, 8078-8086.	3.3	20
130	Liquid phase reduction synthesis of a cobalt borideâ€“activated carbon composite with improved specific capacitance and retention rate as a new positive electrode material for supercapacitors. New Journal of Chemistry, 2019, 43, 14475-14484.	2.8	20
131	High-capacity and fast Na-ion diffusion rate three-dimensional MoS2/SnS2-RGO anode for advanced sodium-ion batteries and sodium-ion capacitors. Solid State Ionics, 2020, 355, 115416.	2.7	20
132	Nanostructure-modified in-situ synthesis of nitrogen-doped porous carbon microspheres (NPCM) loaded with FeTe2 nanocrystals and NPCM as superior anodes to construct high-performance lithium-ion capacitors. Electrochimica Acta, 2020, 337, 135749.	5.2	20
133	A crystalline nickel vanadium oxide@amorphous cobalt boride nanocomposites with enhanced specific capacity for hybrid supercapacitors. Electrochimica Acta, 2021, 377, 138086.	5.2	19
134	Three-dimensional nanostructured NiOâ€“Co3(VO4)2 compound on nickel foam as pseudocapacitive electrodes for electrochemical capacitors. Journal of Alloys and Compounds, 2015, 627, 313-319.	5.5	18
135	Toward interconnected hierarchical porous structure via chemical depositing organic nano-polyaniline on inorganic carbon scaffold for supercapacitor. Synthetic Metals, 2015, 199, 205-213.	3.9	18
136	Facile synthesis of Co 3 V 2 O 8 nanoparticle arrays on Ni foam as binder-free electrode with improved lithium storage properties. Ceramics International, 2017, 43, 1166-1173.	4.8	18
137	Coprecipitation Reaction System Synthesis and Lithium-Ion Capacitor Energy Storage Application of the Porous Structural Bimetallic Sulfide CoMoS₄ Nanoparticles. ACS Omega, 2018, 3, 8803-8812.	3.5	18
138	Interconnected porous composites electrode materials of Carbon@Vanadium nitride by directly absorbing VO3-. Electrochimica Acta, 2019, 306, 113-121.	5.2	18
139	Realizing high-performance and low-cost lithium-ion capacitor by regulating kinetic matching between ternary nickel cobalt phosphate microspheres anode with ultralong-life and super-rate performance and watermelon peel biomass-derived carbon cathode. Journal of Colloid and Interface Science, 2021, 598, 283-301.	9.4	18
140	A bird nest-like manganese dioxide and its application as electrode in supercapacitors. Journal of Energy Chemistry, 2013, 22, 928-934.	12.9	17
141	Fabrication of 3D Co3O4â€“Ni3(VO4)2 heterostructured nanorods on nickel foam possessing improved electrochemical properties for supercapacitor electrodes. New Journal of Chemistry, 2014, 38, 3236.	2.8	17
142	A high performance redox-mediated electrolyte for improving properties of metal oxides based pseudocapacitive materials. Electrochimica Acta, 2015, 186, 478-485.	5.2	17
143	A novel carbon source coated on C-LiFePO4 as a cathode material for lithium-ion batteries. Ionics, 2016, 22, 185-192.	2.4	16
144	The design and fabrication of Co 3 O 4 /Co 3 V 2 O 8 /Ni nanocomposites as high-performance anodes for Li-ion batteries. Journal of Energy Chemistry, 2017, 26, 494-500.	12.9	16

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145	Well-Dispersed Vanadium Nitride on Porous Carbon Networks Derived from Block Copolymer of PAN-b-PDMC-b-PAN Absorbed with Ammonium Metavanadate for Energy Storage Application. Journal of Physical Chemistry C, 2018, 122, 143-149.	3.1	16
146	NiGa₂O₄ Nanosheets in a Microflower Architecture as Anode Materials for Li-Ion Capacitors. ACS Applied Nano Materials, 2019, 2, 6238-6248.	5.0	16
147	Electrolyte-Philic Electrode Material with a Functional Polymer Brush. ACS Applied Materials & Interfaces, 2019, 11, 16087-16095.	8.0	16
148	Templateâ€Induced Selfâ€Activation Route for Hierarchical Porous Carbon Derived from Interpenetrating Polymer Networks as Electrode Material for Supercapacitors. ChemElectroChem, 2019, 6, 2648-2658.	3.4	16
149	Rational regulation ultra-microporous structure size for enhanced potassium ion storage performance. Electrochimica Acta, 2021, 378, 138141.	5.2	16
150	Design and synthesis of one-dimensional Co₃O₄/Co₃V₂O₈ hybrid nanowires with improved Li-storage properties. RSC Advances, 2016, 6, 36418-36424.	3.6	15
151	Regulating interlayer spacing with pillarÂand strain structures in Ti3C2 MXene layers by molecular welding for superior alkali metal ionÂstorage. Materials Today Energy, 2021, 22, 100832.	4.7	15
152	Synthesis, characterization, and electrochemical properties of Ni(OH)2/ultra-stable Y zeolite composite. Journal of Materials Science, 2009, 44, 4466-4471.	3.7	14
153	A facile hydrothermal method to prepare LiFePO4/C submicron rod with coreâ€“shell structure. Ionics, 2014, 20, 15-21.	2.4	14
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